

Remarks

Claims 1-4, 9, 14, 18-20, 25 and 29 stand rejected under 35 U.S.C. §102(a) as being anticipated by JP 200092317 to Yoshioki ("Yoshioki"). Claims 6, 7, 11, 22, 23, and 27 are rejected under 35 U.S.C. §103(a) as being unpatentable over Yoshioki in view of U. S. Patent Publication No. 2002/0135683 to Tamana ("Tamana"), while claim 30 is rejected under 35 U.S.C. §103(a) as being unpatentable over Yoshioki in view of what is regarded as well known prior art. Claims 5, 8, 10, 12, 13, 21, 24, 26, and 28 are indicated to be allowable over the considered prior art, while claims 15-17 are allowed over the prior art considered by the Examiner.

Applicants are desirous of expediting allowance and, therefore, cancel the rejected claims without prejudice or disclaimer. The cancellation of the rejected claims will not be taken as an admission that the applicant agrees that the Examiner's rejections are properly made, nor will the cancellation be taken as an admission that references cited by the Examiner cannot be removed as references. Applicants expressly reserve the right to prosecute claims directed to subject matter of the cancelled claims in an application related to the present application (e.g., a continuation).

Applicants add new claims 31 to 170. New dependent claims 31-50 are believed to be allowable at least for the reason that they depend on an allowable base claim and for the additional combination of elements they recite. New claim 51 is believed to be allowable at least for the reason it recites combinations of elements similar to those recited in allowed claim 12. New claim 91 is believed to be allowable at least for the reason it recites combinations of elements similar to those recited in allowed original claim 28. New dependent claims 52 to 90 are believed to be allowable at least for the reason that they depend on an allowable base claim and for the additional combination of elements they recite. New dependent claims 92 to 170 are believed to be allowable at least for the reason that they depend on an allowable base claim and for the additional combination of elements they recite.

The amendments to claims 15-17 are minor and do not narrow any claim elements. Accordingly, the amendments to claims 15-17 will not be considered "narrowing" claim amendments.

Applicants amend the application in minor respects. Lines 1-8, page 5 are amended to include language of the originally filed claims. In that the content of the added text was included in the original claims, the amendment does not include new matter. Lines 19-25, page 13 and line 1, page 14 are amended to include application number and patent number information of a U. S. patent that is incorporated by reference into the present application. The paragraphs beginning at page 17, line 15 and page 18, line 1 are amended to change the word "rate" with the word "period." Various typographical and spelling errors are also corrected.

Skilled artisans recognize that "frame rate" (also referred to as "frame speed") and "frame period" (also referred to as "frame time") are interchangeable parameters that may be determined from one another. For example, a frame period of 33.37 ms can be translated to a frame rate of about 30 frames per second. Applicants amend the written description so that the terms appearing in the written description are consistent with the units of measurement given. At least because skilled artisans recognize that rate and period are interchangeable parameters that may be determined from one another, and that milliseconds ("ms") is a unit of measurement corresponding to period, the word changes presented in the paragraphs beginning at page 17, line 15 and page 18, line 1 do not include new matter.

Applicants submitted an Information Disclosure Statement on April 22, 2004 prior to the receipt of the April 21, 2004 Office Action (received April 23, 2004), another additional Information Disclosure Statement October 8, 2004, and another Information Disclosure Statement herewith on October 19, 2004. Applicants respectfully request that the Information Disclosure Statements of April 22, 2004, October 8, 2004, and October 19, 2004 be considered in view of the claims.

U. S. Patent Application No. 09/766,922
Amendment Dated October 19, 2004
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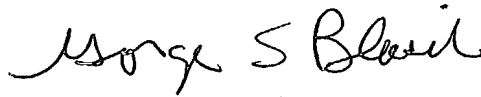
Accordingly, in view of the above amendments and remarks, applicants believe all of the claims of the present application to be in condition for allowance and respectfully request reconsideration and passage to allowance of the application.

If the Examiner believes that contact with applicants' attorney would be advantageous toward the disposition of this case, the Examiner is herein requested to call applicants' representative at the phone number listed below.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to deposit Account No. 50-0289.

Respectfully submitted,

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